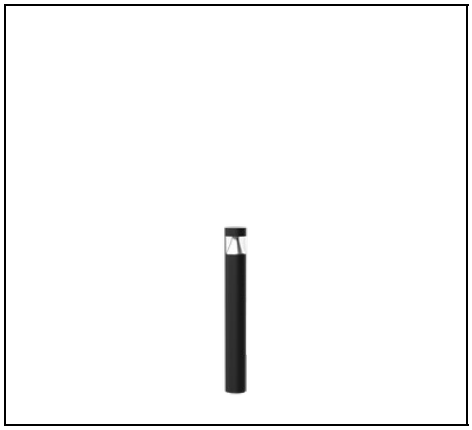
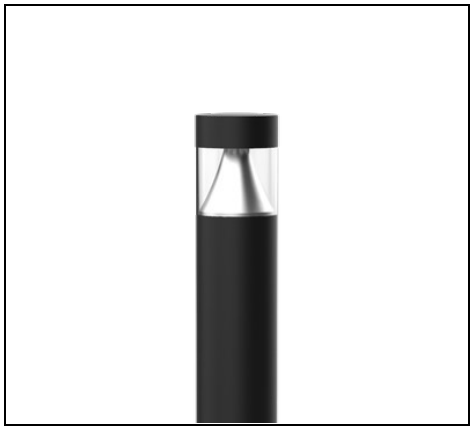
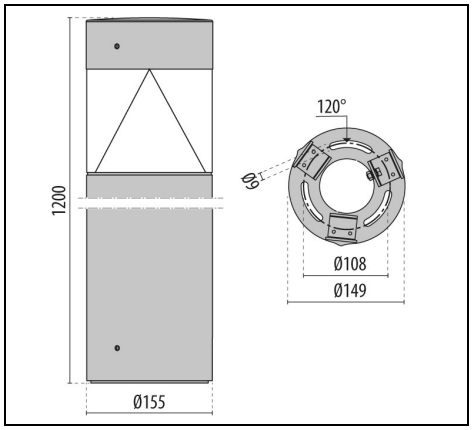
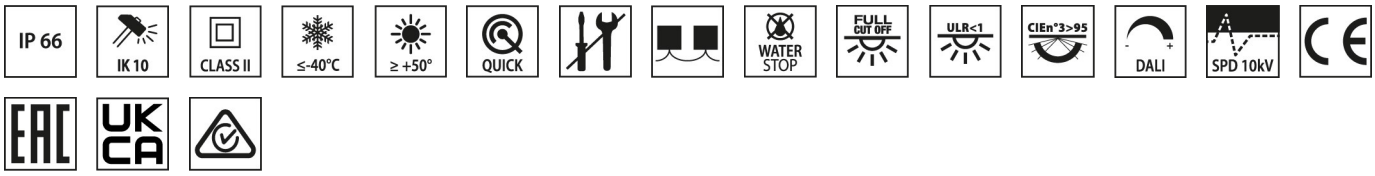
KHA CITY 12 C/EW

Part number 3113984









Description

Series of lighting columns, comprising:
- Electropolished AISI 316 stainless steel or aluminium body and top-cap polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5) depending on versions
- UV stabilised transparent polycarbonate diffuser
- UV and heat stabilised high-transparency polycarbonate optics. The optical unit compartment features superior heat dissipation and IK10-rated impact resistance grating specific light distributions
- Aluminium heat sink
- Anti-ageing custom moulded silicone sealing gasket(s)
- Technopolymer electrical gearbox
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- IP68-rated, loop-through, technopolymer box (WATER-STOP), connected with factory pre-wired H07RN-F cable to the luminaire, for cables Ø 7 - 13.5 mm
- Stainless steel locking hardware
- Floor mounting AISI 304 stainless steel flange plate
- Concrete installation fixing rods are available as accessories (ordered separately)
- Floor mounting stainless steel flange plate to match prefabricated plinths (Base FR) available as accessory for KHA CITY 12 and KHA CITY 12 COMFORT (ordered separately)

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
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Product data

ETIM Group:	EG000027	**ETIM Class:**	EC000301

General information

Lampholder:	LED	**Light source:**	LED
Lightsource lumen output [lm]:	3220	**Luminaire lumen output [lm]:**	2313
Luminaire wattage [W]:	23 W	**Luminous efficacy [lm/W]:**	101
CRI:	80	**Colour temperature [K]:**	3000
Colour / Finishing:	BK-81 / Black / Textured	**IP degree of protection:**	IP66
Impact resistance / impact energy:	IK10 24J xx9	**Protection class:**	II
Optic:	C/EW - Circular Extra-Wide	**Net weight [kg]:**	7.4
Overall diameter [mm]:	155	**Overall height [mm]:**	1200

Mechanical features

Shape:	Round ≤ 150 mm	**Housing material:**	Aluminium
Diffuser material:	Plastic	**Glow wire test [°C]:**	650 °C
Frontal exposed area [m²]:	0.19	**Lateral exposed area [m²]:**	0.19
Top exposed area [m²]:	0.02		

Electrical features

Voltage type:	AC	**Input voltage [V AC]:**	220/240
Input frequency [Hz]:	220-240V 0/50/60Hz	**Power factor / COS Φ:**	>0.9
Surge protection | Common [kV]:	10.000000	**Surge protection | Differential [kV]:**	10.000000
Inrush current [A/µs]:	26 / 180	**C10 1.5 mm²:**	29
C16 2.5 mm²:	46	**B10 1.5 mm²:**	10
B16 2.5 mm²:	28		

Installation

Application area:	Outdoor lighting	**Mounting type:**	Bollard and column
Min. ambient temperature [°C]:	-40	**Max. ambient temperature [°C]:**	50
Min. distance from lighted object [m]:	0.50		

Light features

MacAdam:	5	**Lumen maintenance:**	L80B10@350000h
Distribution of light emission:	Direct	**Luminous Intensity Class:**	G*6
Zero light pollution (ULR = 0%):		**IPEA* (road lighting):**	A++
IPEA* (large areas, roundabouts):	A3+	**IPEA* (cycle-pedestrian):**	A++
IPEA* (green areas):	A++	**IPEA* (historic city centers):**	A5+

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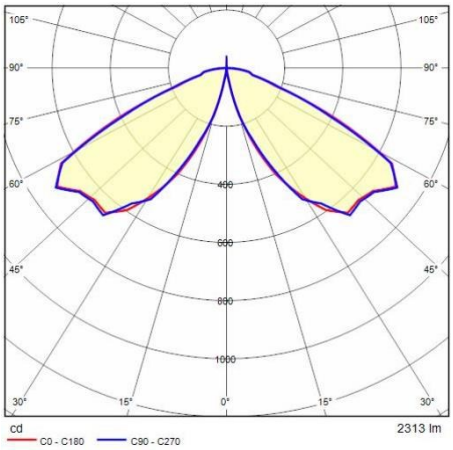
Photometric data



Optional accessories

KHA CITY 12

3114402

AISI 316 stainless steel floor installation base

INOX / Stainless steel

14049320

Concrete mounting adaptor with stainless steel plate and galvanised steel rods

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